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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mahoney } Art Unit: 3711
Serial No.: 10/673,613 } Examiner: Mr. Alvin A. Hunter
Filed: 09/29/2003 } Re: Response
For: Enhanced Golf Club Performance } Our Ref: 02RSC064
via Friction Stir Processing }

Mail Stop Non Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

An amendment for the above-identified application is attached. The fee is as follows:

CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest Number Previously Paid For		Additional Extra		Rate		Fee
Total Claims	23	—	19*	=	4	x	\$50	=	200
Independent Claims	3	—	3**	=	0	x	\$86	=	0
Total Additional Fee									\$200

* No less than 20

** No less than 3

Please charge \$320.00 (\$200 under 37 CFR 1.16(i) and \$120 under 37 CFR 1.17(a)(1)) to Deposit Account No. 18-1750. Charge any additional fees or credit any overpayment to Deposit Account No. 18-1750. A duplicate copy of this authorization is enclosed.

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on:

April 12, 2005

Date

Marissa Zaragoza

Signature

Marissa Zaragoza

Printed Name

Respectfully submitted,

John J. Deinken

John J. Deinken

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Sir:

This is a response to the office action dated 12/16/2004. Please reconsider this application.

I. SUMMARY OF OFFICE ACTION AND RESPONSE

Claims 1 - 18 were rejected under 35 USC 103(a) as unpatentable over Anderson, US Pat. No. 5,024,437 in view of Thomas, US Pat. No. 5,460,317 and Igarashi, US Pat. No. 5,437,088. Note that, although the rejection refers to Claims 1 - 18, the application is believed to include Claims 1 - 19. In this response, we are assuming that the rejection applies to Claim 19 as well.

In this response, Claims 1, 8, 18, and 19 are amended, Claims 15 and 16 are canceled, and new Claims 20 - 25 are added.

04/15/2005 MAHME1 00000010 181750 10673613

01 FC:1201 200.00 DA
02 FC:1251 120.00 DA

II. PETITION

Applicants hereby petition, under 37 C.F.R. §1.136(a), to extend the time period for reply to the office action by one month, to April 16, 2005. The transmittal letter submitted with this response authorizes charging the petition fee of \$120 under 37 C.F.R. §1.17(a)(1) to Deposit Account No. 18-1750.